LRLEQ-BY1

Model
LRLEQ3BY1
LRLEQ4BY1

Q: Cooling capacity
W: Power input

Cooling capacity

Model	Outdoor temperature	Evaporating temperature [°C]											
		-45		-40		-35		-30		-25		-20	
		Q	W	Q	W	Q	W	Q	W	Q	W	Q	W
	[°C DB]	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
LRLEQ3BY1	20	1,87	1,79	2,50	1,89	3,05	1,98	4,03	2,08	4,79	2,18	5,64	2,23
	27	1,68	2,26	2,30	2,33	2,84	2,40	3,75	2,48	4,48	2,55	5,28	2,61
	32	1,61	2,60	2,22	2,61	2,78	2,60	3,60	2,69	4,29	2,73	5,04	2,79
	38	1,30	2,99	1,88	3,07	2,40	3,16	3,26	3,18	3,95	3,24	4,70	3,29
	43	1,07	3,32	1,64	3,44	2,13	3,58	3,00	3,56	3,68	3,63	4,43	3,66
LRLEQ4BY1	20	2,47	2,54	3,26	2,57	3,95	2,61	5,16	2,61	6,11	2,63	7,16	2,65
	27	2,30	3,03	3,04	3,07	3,72	3,14	3,72	3,15	5,71	3,18	6,69	3,20
	32	2,28	3,24	2,99	3,33	3,62	3,42	4,64	3,47	5,47	3,52	6,39	3,54
	38	1,81	3,93	2,56	3,98	3,28	4,07	3,28	4,09	5,04	4,12	5,92	4,14
	43	1,48	4,45	2,26	4,47	3,02	4,57	3,89	4,56	4,71	4,59	5,55	4,61

Correction ratio for cooling capacity

Model	Equivalent piping length [m]					
	0	10	20	30	40	50
LRLEQ3BY1	100%	98,2%	96,2%	94,3%	92,4%	90,6%
LRLEQ4BY1	100%	97,5%	94,8%	92,2%	89,5%	86,8%

Method of calculating the capacity of the outdoor units.

Capacity in function of field piping length	=	Cooling capacity	x	Correction ratio for cooling capacity

Notes

1. [ ] = Rated point
2. Capacities measured under the following ambient conditions: ·10·K (suction line superheat)